

FIG.1



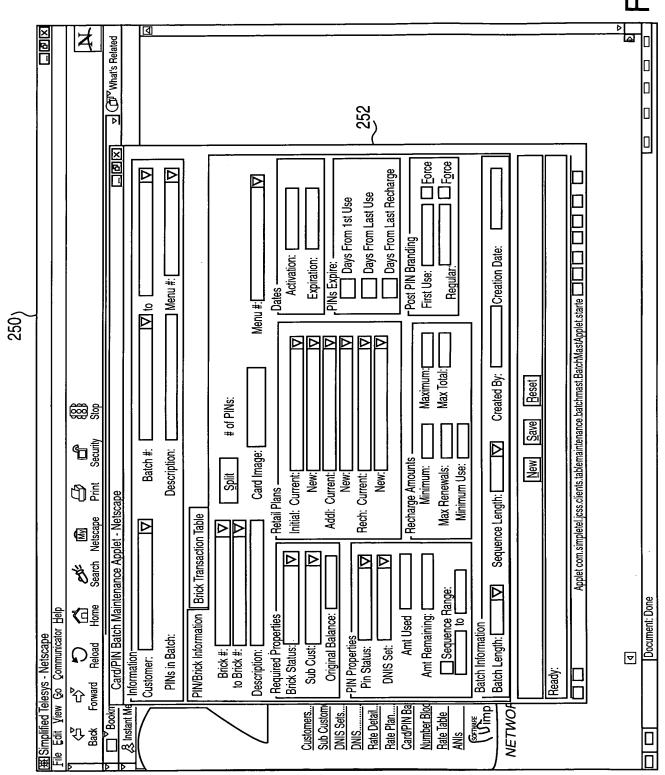


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```
CREATE TABLE pin mast ({ NO TRIGGER }
                  CHAR (16),
  pin
                    CHAR (12),
  dnis set.
                     CHAR (12),
  customer number
                     CHAR (18),
  sub cust number
                     INTEGER,
  batch number
  seq number
                      INTEGER,
  retail~plan
                    CHAR (12),
  cust ref1
                  CHAR (15),
                   CHAR (15),
  cust ref2
  credit amount
                   INTEGER,
  credit action
                  SMALLINT.
                    INTEGER.
  original balance
  amount remaining
                       INTEGER,
  amount used
                       INTEGER,
  renewals
                     SMALLINT,
  creation date
                   DATE,
  activation date
                 DATE.
                 DATE,
  expiration date
 first use
                 DATE,
  last use
                    DATE,
  init exp days
                   SMALLINT
                   SMALLINT,
  last exp days
 last vert
                 INTEGER.
                  INTEGER,
 last horiz
 last lata
                 CHAR (4),
                   CHAR (1),
 pin status
                   SMALLINT,
  pattern set id
                      CHAR (24),
  post pin branding
  hit_date
                    DATE,
  hit period
                   SMALLINT,
  hit charge
                   SMALLINT,
  hit_count
                   SMALLINT,
  PRIMARY KEY
                    (pin, customer number, dnis set)
                              CONSTRAINT pin mast pk,
  FOREIGN KEY
                    (customer_number, sub_cust_number) REFERENCES
                    sub cust mast CONSTRAINT pin~mast fk1,
                    (customer number, dnis set) REFERENCES dnis set mast
  FOREIGN KEY
                              CONSTRAINT pin mast fk2,
                    (customer number, batch number) REFERENCES batch mast
  FOREIGN KEY
                              CONSTRAINT pin_mast_fk3,
                    (pin status) REFERENCES pin_status_mast
  FOREIGN KEY
                              CONSTRAINT pin_mast_fk4,
  FOREIGN KEY
                    (customer number, retail plan)
                               REFERENCES rate mast CONSTRAINT pin_mast_fk5
```

FIG. 2C



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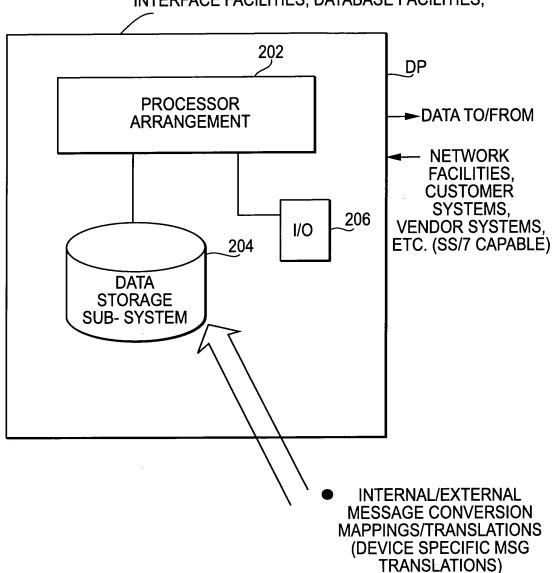
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CONTROL FACILITIES, INTERFACE FACILITIES, DATABASE FACILITIES,



- TCD INVENTORY DATA ABOUT DEVICES IN MERGED NETWORK
- BILLING DATA GENERATED BASED ON SERVICE PROVISIONING

FIG. 2A

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